

3646 WHITE PLAINS ROAD

BRONX, NEW YORK 10467

EDWARD C. MULLER

ENGRAVERS' TOOLS

PHOTO and WOOD ENGRAVING

JEWELRY, SILVERWARE, WATCH CASE

COPPER and STEEL PLATE, LINOLEUM CUTTING

ARTISTS, Etc.

(212) TULip 1-7270



Bronze Medal Awarded
at P. P. I. E.



Given Highest Award
at P. P. I. E.

Edward C. Muller

--- Established 1898 ---

MANUFACTURER OF
E N G R A V I N G T O O L S



OFTEN IMITATED . . .

. . . NEVER EQUALED

LINING-TOOLS MADE ESPECIALLY FOR HALF-TONE PLATES AND WOOD CUTS

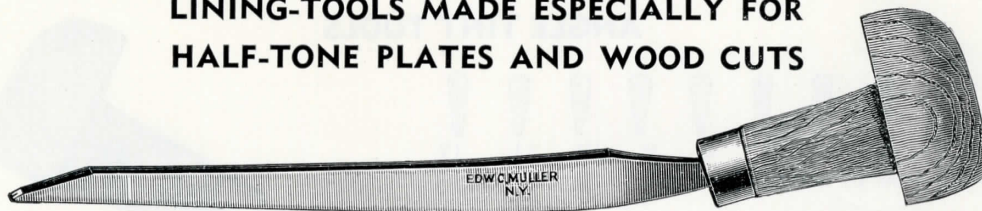
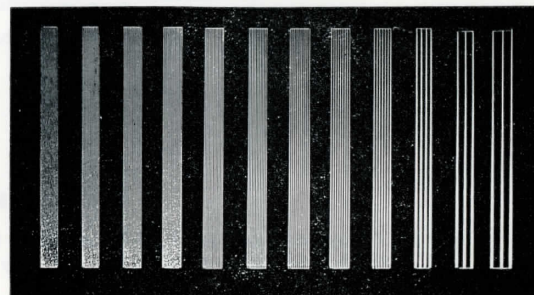


DIAGRAM 2

Made of the best steel, hardened
and tempered scientifically



Grade of Lines to the inch

Corresponding to Ruling Machine Nos.

200 175 150 133 120 110 100 85 65 45 35 25

0 1 2 3 3-1/2 4 5 7 10 19 22 28

Particulars of Lining Tools

They are graded to match standard screens.

Cross Liners

Made to fit screens, 60-65-85-100-110-120-133-150.

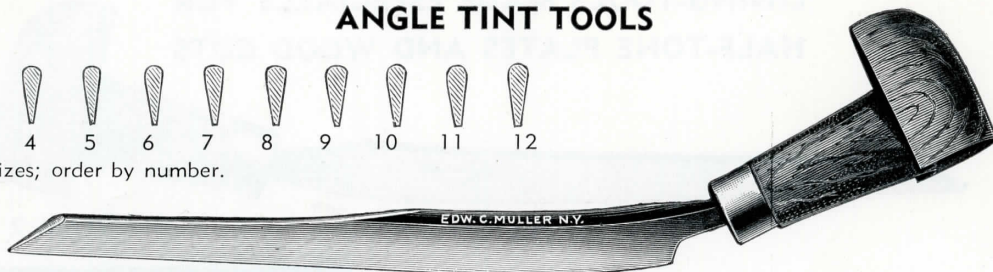
Tools wider than 1/8 in. up to 3/16 in. subject to special prices.

NOTICE—The Tools shown on these pages are hardened and tempered to hold the Cutting Edge on any metals used for printing plates.

ANGLE TINT TOOLS



Standard Sizes; order by number.



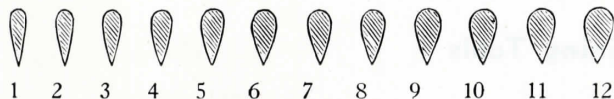
These Tools are ground and lapped on both sides after hardening.



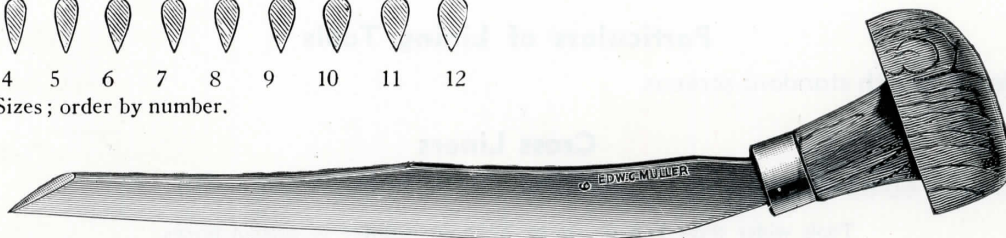
Particulars of Angle Tint Tools

Order by **name** and **number**. Angle Tint Tools Nos. 1 to 12 are all the same size, but their Edges vary as per Diagram above. Only No. 1 is sharp, the Edges of Nos. 2 to 12 vary in thickness.

ELLIPTIC TINT TOOLS



Standard Sizes; order by number.



Elliptic Tint Tools are all made with sharp Edges, varying in sizes as per illustration above, No. 1 to 12. The Edges are ground in; the best steel is used.

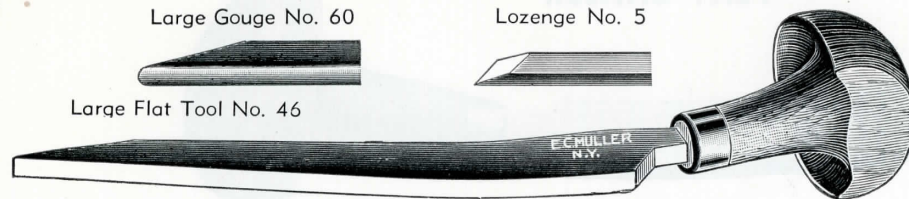
NOTICE — The Tools shown on these pages are hardened and tempered to hold the Cutting Edge on any metals, used for printing plates.

SET OF PLATE MAKER TOOLS FOR WOOD AND PHOTO-ENGRAVERS

Large Gouge No. 60

Lozenge No. 5

Large Flat Tool No. 46



Small Flat Tool No. 40



Small Gouge No. 54



Point Tool No. 3

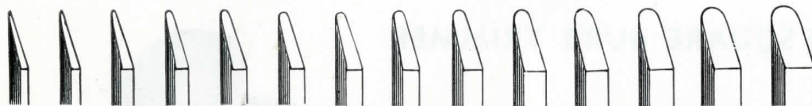
FLAT GRAVERS



36 37 38 39 40 41 42 43 44 45 46 47 48 49



ROUND GRAVERS



50 51 52 53 54 55 56 57 58 59 60 61 62 63

These **Special Gravers** are of the same unequalled standard of quality which has made the world-wide reputation of Muller Tools. They are slightly curved to allow clearance for the hand. Every Tool is carefully sharpened, handled and **READY TO USE**.



HIGH - SPEED GRAVERS

Are made of the finest Hi-Speed steel and correspond in size exactly to our regular gravers. They sharpen as easily as the conventional gravers.

Flat HS Gravers

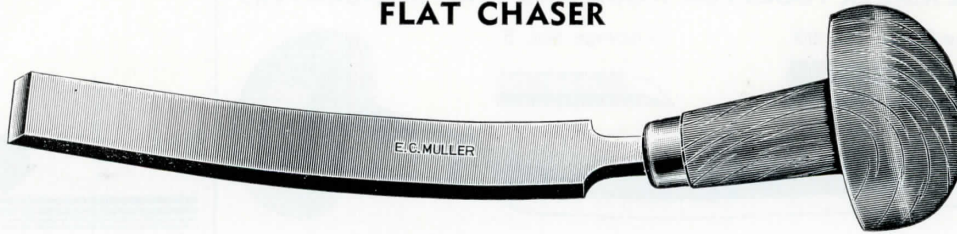
Sizes 36 to 45

Round HS Gravers

Sizes 50 to 59



FLAT CHASER



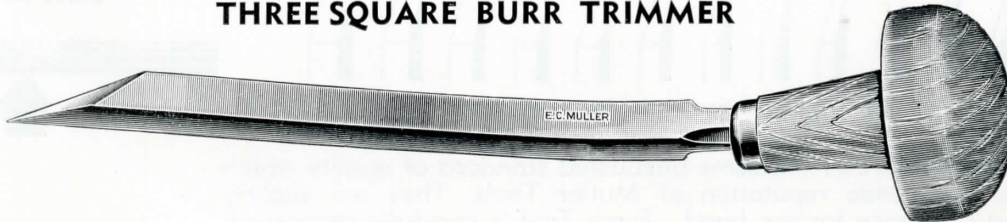
A half-inch wide chisel for leveling high and uneven spots on half-tones, zinc, etchings or Electrotypes.

STIPLING TOOL AND DOT RAISER



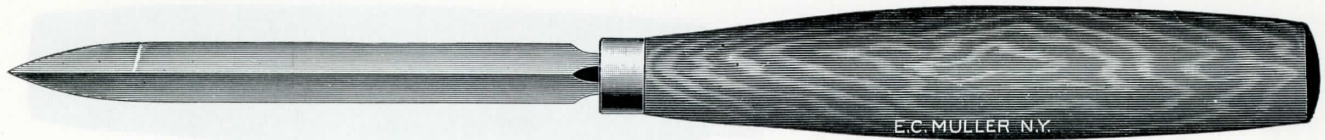
An excellent tool for raising dots, repairing scratches and stipling.

THREE SQUARE BURR TRIMMER



It will trim off burrs more easily and quickly than any other device of its type.

SCRAPERS

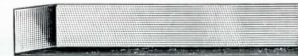


No. 1 Steel Scraper, Triangular Pointed.

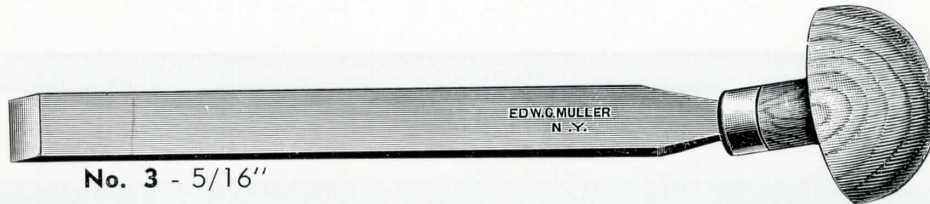
HAND TRIMMERS (READY FOR USE)



No. 1 - 3/16"



No. 2 - 1/4"



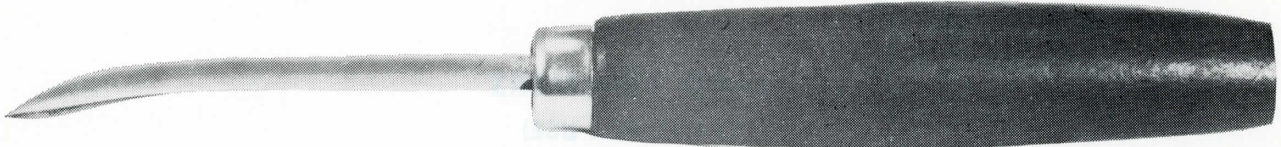
No. 3 - 5/16"

To cut out burrs and shoulders of metal left by the router near the edges of half-tones and for leveling uneven surfaces after soldering. The tools are curved to allow clearance for the hand. Sharpened, handled.

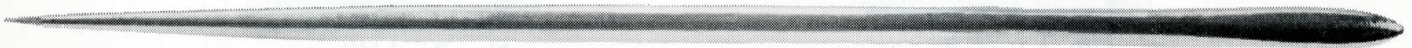
BURNISHERS



No. 1. Straight. Made of the Very Finest Quality Steel, Highly Polished.



No. 2. Curved. Made of the Very Finest Quality Steel, Highly Polished.



No. 3. All-Steel Burnisher, Point on one End, Straight Burnisher on other End



No. 5. All-Steel Burnisher, Curved to Side, Round Pointed.



No. 6. All-Steel Flat Burnisher, Curved Ends.

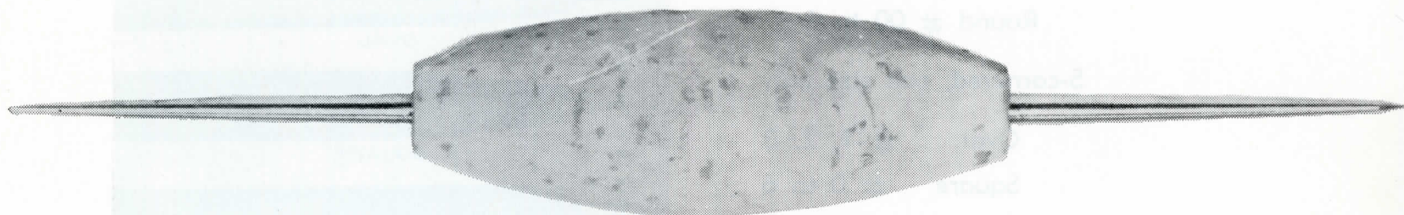


No. 7. Point and Burnisher.

POINTS AND NEEDLES



No. 1. Steel Etching Needle.



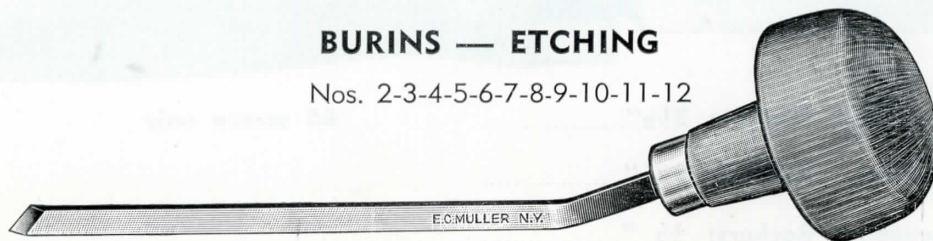
No. 3. Steel Dry Point, Double Cork Handle.



No. 4. All-Steel Point, Engravers' Marker.

BURINS — ETCHING

Nos. 2-3-4-5-6-7-8-9-10-11-12



NEEDLES AND SCRAPERS

Standard Sizes — All Nos.

For Etchers, Finishers, Lithographers,
Map Making, Dot Raising and Stippling.

Sizes for Etching Needles:

Round # 00 to 6

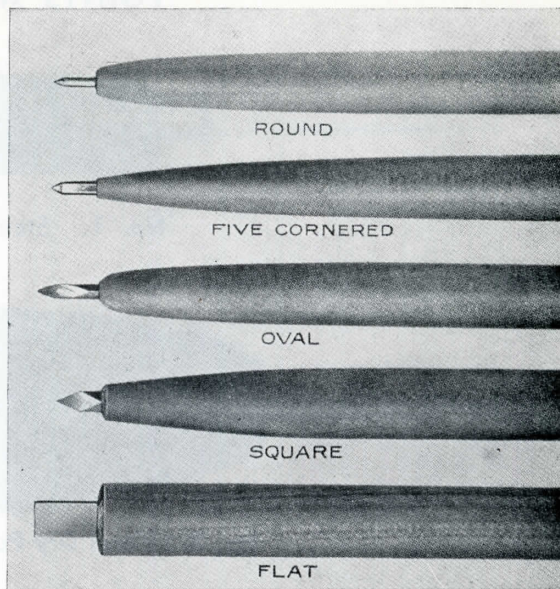
5-cornered, one size only

Oval # 1, 2, 3

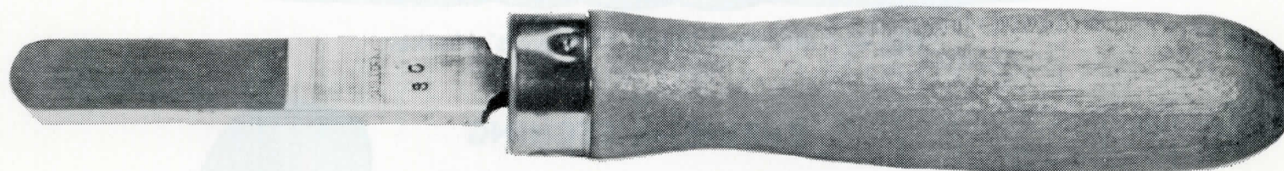
Square # 0 to 6

Flat # 0 to 7

Brass Needles One Size only



ROCKER



Mezzotint Rockers: 2 1/2"

80 screen only

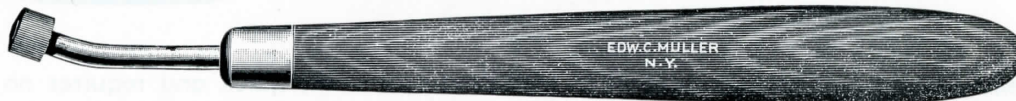
Mezzotint Rockers: 1 "

Mezzotint Rockers: 1/2 "

AMERICAN ROULETTES

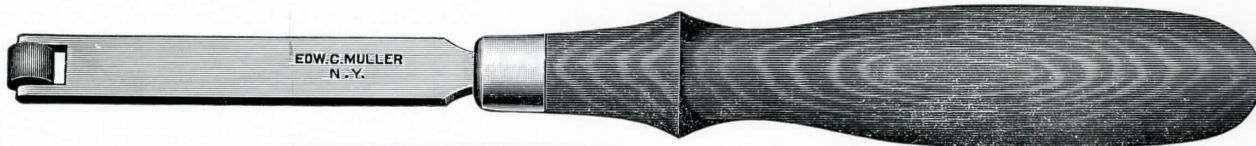


ROULETTE No. 9



Twice the size of an ordinary Roulette, these cover rapidly a large surface, they are designed particularly for Pressmen to Soften Harsh Edges and lightening up printing plates.

ROULETTE No. 10



They are used also to advantage on line plates, especially on outrunning lines which they break into dots, producing the effect of a Soft Vignette Edge.

For reducing quickly the impression this Roulette is invaluable. Both hands should be used for uniform lining, the handle being held in one hand and two fingers of the other hand pressed upon the flat of the shank.

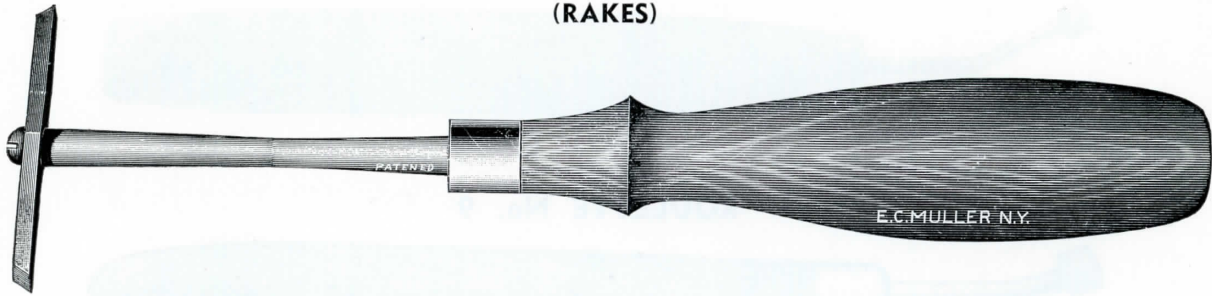
American Roulettes, No. 9 & 10 are made to match Standard Screens, with lines or Stipple.

When ordering, state the Style and Screen and whether Line or Stipple is desired.

**ROULETTE — EGG SHAPE — IRREGULAR CUT
NO SCREEN**

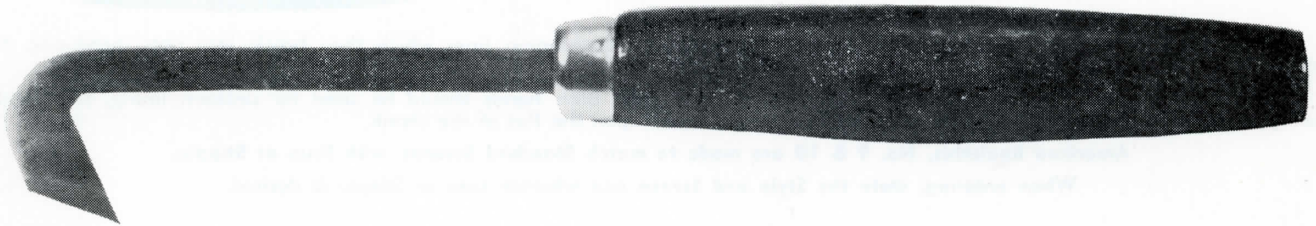
HALF-TONE COMBS

(RAKES)



An excellent tool for SOFTENING HARSH EDGES, easy to use, quick and requires no special skill. Place the comb on the spot to be lightened and pull it back gently toward you in the same direction as the lines of the screen, it is better to repeat the operation than to apply pressure. The combs are graded to match STANDARD SCREENS. **State Screen it is to match.**

DRAW TOOL



For cutting white lines around or on half-tones, or alongside the rules, and for defining outlines for the router. IT LEAVES NO BURR. The lines are cut, not scratched, and are, therefore, sharply and regularly defined.

HAMMERS AND PUNCHES



Oblong Punch



Diamond Punch



Round Punch



Square Punch

For Softening harsh Edges of illustrations whether original Halftones, Electros, Stereos or Wood Engravings.

The Harsh Edges on the plate are lightly tapped, the effect is magical, no special skill is required.

No. 1. Hammer with different Screen at each end

No. 2. Hammer with Screen at small end, and Stipple at large end

No. 3. Hammer with Screen at small end, and Burnisher at large end

Line Punches. Oblong, Square, Round or Diamond

Stipple Punches. Oblong, Square, Round or Diamond

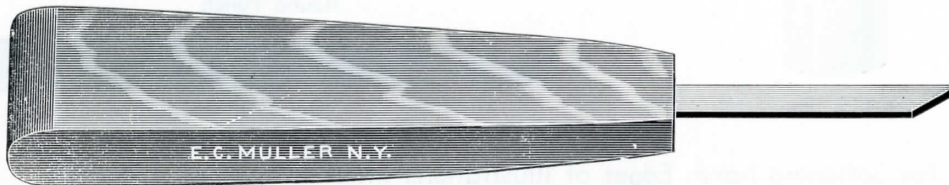
In ordering state the Style and Screen it is desired to match.

ELECTROTYPERS' LETTER CHISELS



Made in nine sizes: Pica (12 point), Small Pica (11 point), Long Primer (10 point), Bourgeois (9 point), Brevier (8 point), Minion (7 point), Nonpareil (6 point), Pearl (5 point), No. 4, Finest.

ELECTROTYPERS' L AND N CHISELS



These are used for cutting out the back of plates before using punches. The L Chisel is Diamond (3½ point) and the N Chisel is Minion (7 point).

ELECTROTYPERS' REVISING PUNCHES

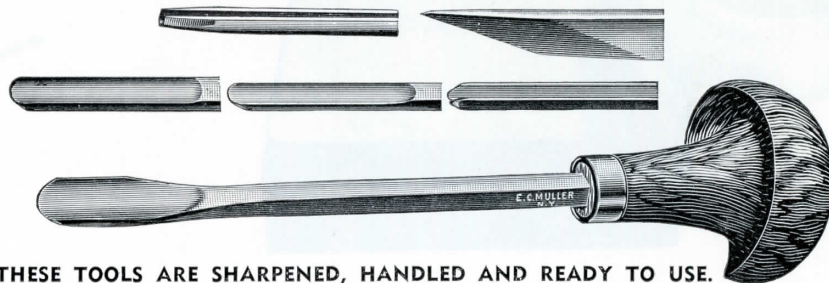
Will cut easily through the plate, leaving a clear space to set the desired type.



Made in nine sizes: Pica (12 point), Small Pica (11 point), Long Primer (10 point), Bourgeois (9 point), Brevier (8 point), Minion (7 point), Nonpareil (6 point), Pearl (5 point), and No. 4, finest.

SET OF LINOLEUM BLOCK CUTTING TOOLS

- No. 1 U-shape
 No. 2 V-shape
 No. 3 Gouge
 No. 4 Gouge
 No. 5 Gouge
 No. 6 Knife



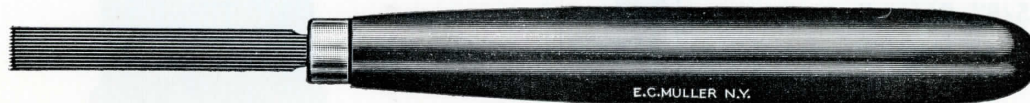
THESE TOOLS ARE SHARPENED, HANDLED AND READY TO USE.

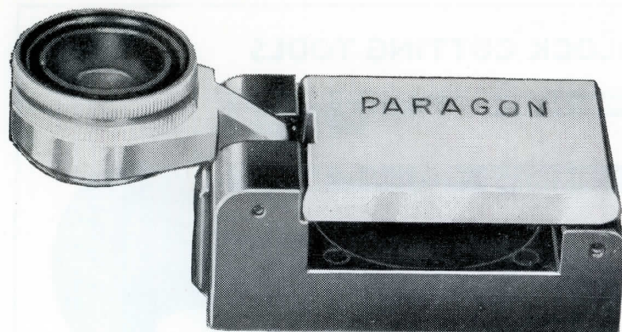
SPECIAL KNIFE FOR WOOD CARVING



SCRATCHBOARD TOOL

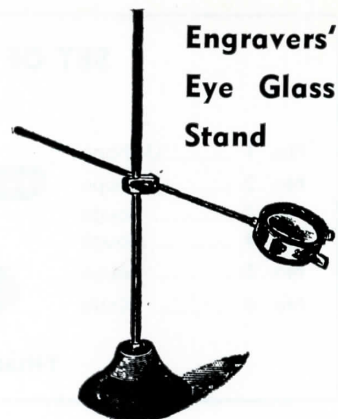
Nos. 25-30-35-40-45-50-55-60





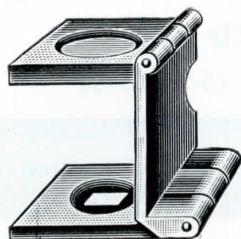
"PARAGON"
FOLDING MAGNIFIER

10 POWER
(Triple Lens Unit)



LINEN TESTER

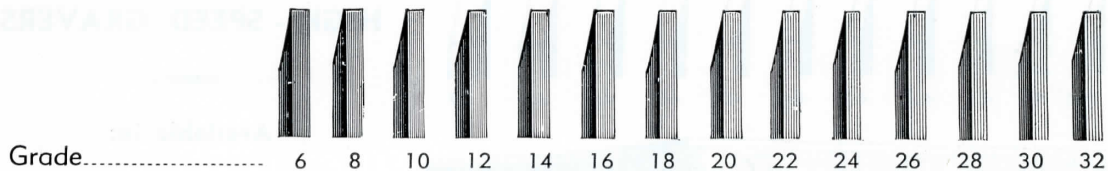
1/2" 12 Power
5/8" 8 1/2 "
1" 7 "



**Engravers' Magnifying
Glasses**



LINE GRAVERS



STRAIGHT



In ordering, state grade and number of lines desired.

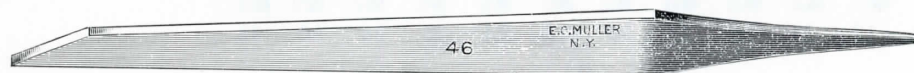
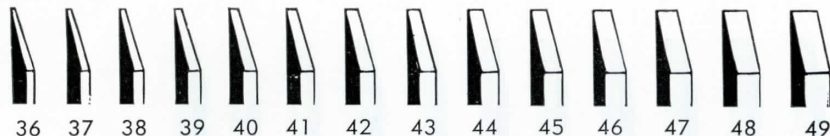
BENT



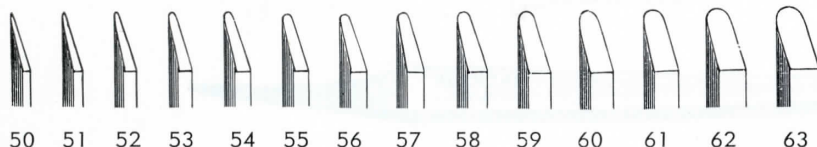
CURVED



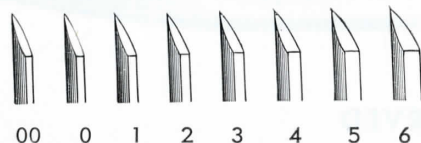
FLAT GRAVERS



ROUND GRAVERS



ONGLETTE OR POINT GRAVERS



FOR HALF POINT SEE PAGE 22

HIGH - SPEED GRAVERS

Available in:

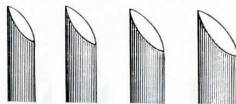
Flats	- - -	#36 to 45
Rounds	- - -	#50 to 59
Points	- - -	# 0 to 6
Knives	- - -	# 1 to 4
Bevel Edge	- -	# 1 to 3

This new graver is made of the finest Hi-Speed steel and corresponds in size exactly to our regular gravers. It even sharpens as easily as the conventional graver. When you order, just specify:

EDWARD C. MULLER

HI - SPEED

OVAL GRAVERS



No. 63 to 67

KNIFE GRAVERS

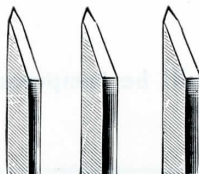


No. 0 to 4

Also available in
High-Speed Steel
#1, 2 and 3 **only**



BEVEL EDGE GRAVERS

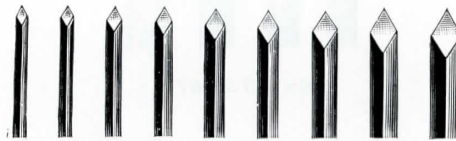


No. 0 to 5

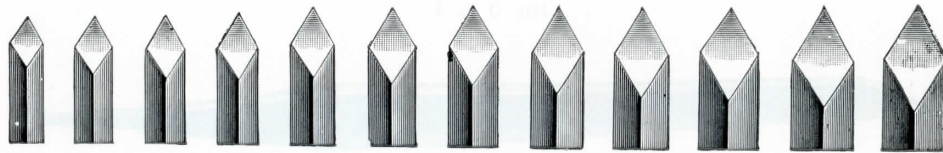
Also available in
High-Speed Steel
#1, 2 and 3 **only**



LOZENGE GRAVERS



0 1 2 3 4 5 6 7 8

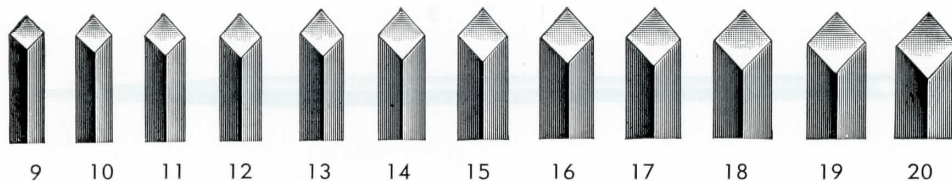
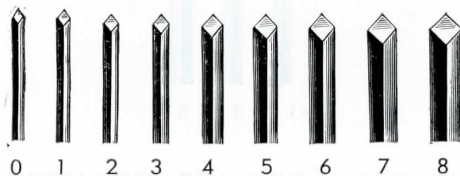


9 10 11 12 13 14 15 16 17 18 19 20

Lozenge Gravers will be tempered on request only.



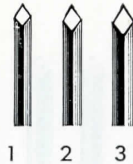
SQUARE GRAVERS



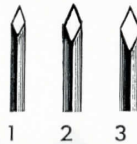
These Gravers will be tempered on request only.



TAPER SQUARE GRAVERS



TAPER LOZENGE GRAVERS



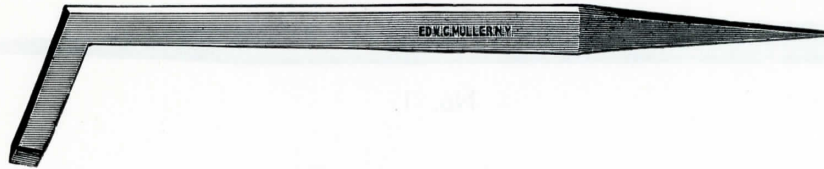
LEFT AND RIGHT POINT GRAVERS



Left and Right Gravers are especially designed for Diamond Setting. Other uses for these tools will suggest themselves to the Engraver. One side of the tool is Knife and the other side is Convex.

When ordering please state which side of the tool the convex is desired. Made in sizes Nos. 1, 2, 3.

HOLLOW WARE GRAVER



RING AND SPOON GRAVERS



No. 1 (Serpentine)



No. 2



No. 3

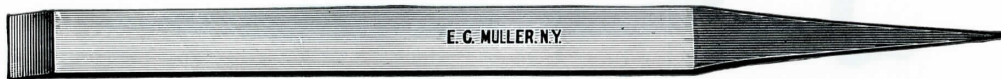
CHISEL GRAVERS (NOT SHARPENED)



No. 1.



No. 2.

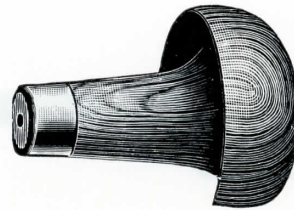


No. 3.

HANDLES



No. 1



No. 2

